

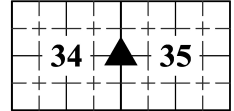
GREENE COUNTY CORNER PERPETUATION RECORD

Corner ID: 6N5W_X17

Quarter Corner

Sections 34 & 35 - T06N - R05W, 2nd P.M.

Taylor Township, Greene County, Indiana



PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" x 24" long rebar with orange plastic cap stamped "OSER IN PS #21100022" set flush on east side of creek bed.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The corner is on the east side of the bed of a small north flowing creek, approximately 18.5 feet southeast of north/south/west fence remains in a 40" oak tree on the west bank of the creek, and southwest of a 12" cherry on the east bank of the creek with a Greene County Survey Marker sign set 5 feet above grade on the southwest side of the tree.

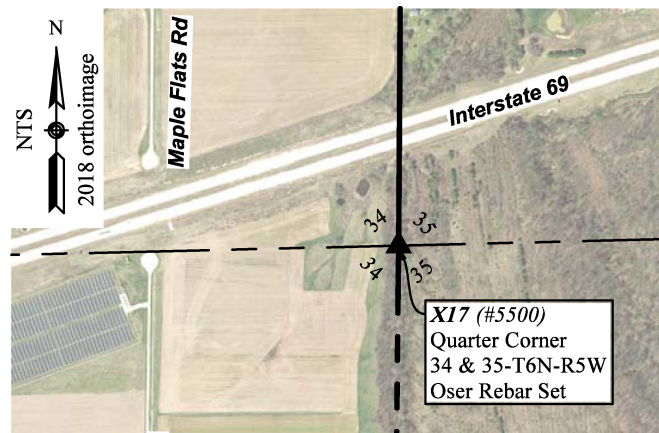
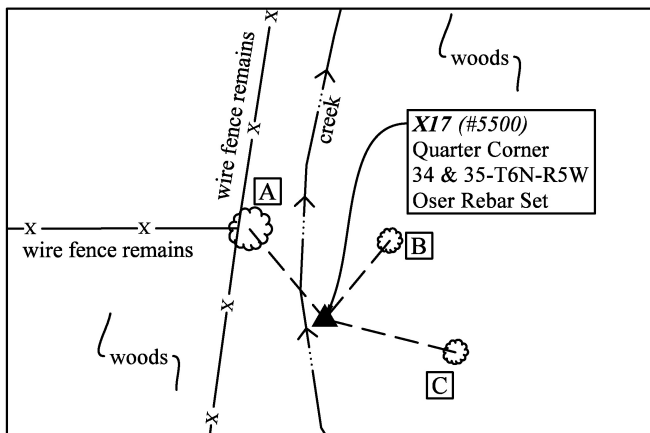
GEODETIC COORDINATES: (OSM #5500)

Northing	Easting	Datum
286010.60	832594.69	InGCS Greene Zone, US Survey Feet
1334032.40	2993199.81	NAD83(2011) IN West Zone, US Survey Feet

WITNESS MONUMENT TIES: Describe at least three witness objects.

ID	Bearing	Distance	Description
A	N 47° W	18.5'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 12" above grade on the northeast side of a 40" dbh oak (in poor condition) with fence remains to the north, south, and west
B	N 43° E	16.1'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 12" above grade on the northwest side of a 12" dbh elm
C	S 76° E	21.3'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 10" above grade on the south side of a 5" dbh sassafras

MONUMENT LOCATION SKETCH: Attach a sketch or aerial image.



CORNER REPORT

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The original government land surveyors monumented the section corners and quarter corners of each section with wooden posts in the early 1800s. The task of replacing the original wooden posts with permanent objects such as stones, and setting permanent objects at the center of section and other interior aliquot corners was left to the county surveyors (in the 1800s and early 1900s) and later to local surveyors in private practice.

In 1877, Greene County Surveyor W. Clogston set a stone at this corner. We found no trace of the stone or its

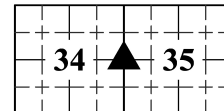
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accessories. In 1884, Greene County Surveyor Francis Parker measured to this corner, but did not describe the monument or take witnesses. As part of the same 1884 survey, Parker set stones at the Center-West 1/16 Corner and the Center 1/4 Corner, both of which we found in 2022. We held the bearing and distance between the two found stones to establish the 1/4 Corner common to Sections 34 & 35. This results in a location that is 3.86 feet north and 3.13 feet east of the theoretical location for the corner, which would be located at the midpoint between the Section Corners to the north and south.

In 2015, I held a tree fence corner with wire fence remains to the north, south, and west for the corner (Witness A above). The tree corner is located on the west bank of a small creek. The fence appears to have been attached to the tree for convenience. We saw no evidence that the fence builders attempted to build a perfectly straight fence without regard for the creek. Rather, it seems they have generally followed the section line while also avoiding the creek. The tree fence corner is 12.7 feet north and 16.5 feet west of the rebar set for the 1/4 Corner.

Also in 2015, I set rebars at the Center 1/4 Corner of Section 34 and the Center-East 1/16 Corner of Section 34. Both rebars were set on the east/west half-section line formed between the 1" iron pin at the West 1/4 Corner of Section 34 and the tree fence corner erroneously held as the East 1/4 Corner of Section 34. We searched the survey and deed records in Section 34 and found no evidence of reliance on either rebar. Therefore, we thought it best to remove the two rebars set in 2015 and reset the corners based on the east/west half-section line formed between the 1" iron pin at the West 1/4 Corner of Section 34 and the Oser rebar set at the East 1/4 Corner of Section 34. We made no changes to the east/west position of the corners.

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1811 By: Arthur Henrie & Alex Holmes

Where filed or recorded: [https://archive.org/download/](https://archive.org/download/IN_PLSS_NotesPlats/S_PM02T06NR05W_Notes.pdf)

IN_PLSS_NotesPlats/S_PM02T06NR05W_Notes.pdf

Original monument: Wooden Post

Bearing Trees or Witness Ties:	Bearing	Distance
12" b.oak	S 1° W	64.0'

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 3/27/1877 By: W.W. Clogston, GCS

Where filed or recorded: Legal Survey Book 3, pg 58

Monument: Set stone

Bearing Trees or Witness Ties:	Bearing	Distance
12" jack oak	N 1.5° W	44.6'
11" gum	S 81.25°W	27.1'

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
6/19/1839	Brown, J.C.	Legal Survey in Sections 34 & 35 (<i>No monument found</i>)	Legal Survey Book 1, pg 97
3/27/1877	Clogston, W.W.	Legal Survey in Section 34 (<i>Set stone</i>)	Legal Survey Book 3, pg 58
4/16/1884	Parker, Francis M	Legal survey in Section 35 (<i>Measured to this corner, but did not describe the monument or witnesses</i>)	Legal Survey Book 4, pg 34
1/22/2015	Oser, Rachel	Survey for Hoosier Energy in the NW/4 of the SE/4 of Section 34 (<i>Held tree corner at intersection of N, S, & W fence</i>)	2015-1392 2015-1712
2/15/2020	Boblitt, David R.	Survey for Barker in Section 34 (<i>Held tree corner</i>)	2020-2827

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

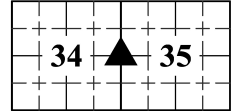
- Variances in the Monumentation: 12.7 feet north/south and 16.5 feet east/west.
- Discrepancies in the Documents: 3.9 feet.
- Inconsistencies in the lines of Occupation: 12.7 feet north/south and 16.5 feet east/west.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the

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specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED:



Photo Orientation & Description: Rebar at X17



Photo Orientation & Description: Looking north at X17 with 40" oak visible to the northwest and Greene County Survey Marker sign visible to the northeast

FIELD PERSONNEL:

Field Date: 05/09/2022 and 06/07/2022 By: Rachel Oser and Phillip Oser

Project : Oser Surveying & Mapping LLC Job# 10226C

Corner Perpetuation Survey for Taylor Township Sections 25, 26, 35 & 36, Township 6 North, Range 5 West

BASIS OF GEODETIC COORDINATES: The basis of bearings is the Indiana Geospatial Coordinate System's (InGCS) "Greene" zone NAD 83 (2011) epoch 2010.00, NAVD 88, geoid18_conus.db3, reported in US Survey Feet and decimal parts thereof. The zone was developed to minimize the differences between ground measured horizontal distances and the corresponding grid coordinate (map) distances within the county. Coordinates are also reported in Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18_conus.db3, US Survey Feet.

Coordinates were established using the Javad GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Positional values of other points listed herein were determined either from static GNSS (Javad Triumph LS Rover), RTK GNSS (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by RTK GNSS. Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to InGCS Greene Zone Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.

CERTIFICATION:

Rachel Oser

Indiana Professional Surveyor 21100022

Oser Surveying & Mapping LLC

4632 E Rocky Road, Bloomfield, IN 47424

(812) 320-2694 • Rachel@OserSurveying.com

Date: 06/14/2022



This document is not complete without the associated plat and report of even date.